

## ABSTRACT OF THE DISCLOSURE

A system (100) is disclosed that may transfer voice data from multiple channels between an asynchronous data network (102) and a synchronous data network (104). A system (100) may include an egress block and associated structures (200) and/or an ingress block and associated structures (900). An egress block (200) may read voice channel data  
5 from a local buffer (206) and write such data to a voice packet buffer memory (VPBM) (204). At least a portion of a VPBM write address may be generated from a time stamp value. An ingress block (900) may read voice channel data from a jitter buffer (918) and write such data to a local buffer (906). At least a portion of a jitter buffer read address may be generated from a time stamp value.

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